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DOCKET NO.: 22221/1030 (RU-339)
EXPRESS MAIL NO.: EL709322449US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL FORM
(only for new nonprovisional applications under 37 CFR 1.53(b))



ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231
BOX: PATENT APPLICATION

SIR:

Transmitted herewith for filing is the patent application (including Specification, Claims, and Abstract, 130 pages) of:

Inventors : Michael E. O'Donnell, Alexander Yuzhakov, Olga Yurieva, David Jeruzalmi, Irina Bruck, and John Kuriyan

For : ENZYMES DERIVED FROM THERMOPHILIC ORGANISMS THAT
FUNCTION AS A CHROMOSOMAL REPLICASE, PREPARATION AND USE
THEREOF

***If a CONTINUING APPLICATION, please mark where appropriate and supply the requisite information below and in a preliminary amendment:*

☐ continuation ☐ divisional ☒ Continuation-In-Part (CIP)
of prior application Serial No. _____

Prior application information: Examiner :
Art Unit :

Enclosed are:

- ☒ 83 sheets of Formal drawings.
- ☐ Signed Combined Declaration and Power of Attorney (_____ pages).
- ☐ Copy of signed Combined Declaration and Power of Attorney (_____ pages) from a prior application (1.63(d) (for continuation/divisional).
- ☐ Signed statement deleting inventor(s) named in prior application (_____ pages) (1.63(d)(2) and 1.33(b)).
- ☐ Incorporation By Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied herewith, is considered as being part of the disclosure of the enclosed application and is hereby incorporated by reference therein.
- ☐ Assignment (_____ pages) of the invention to _____.
- ☐ Certified copy of a foreign priority document.
- ☐ Associate power of attorney.
- ☒ Applicants claim small entity status. (See 37 CFR 1.27.)

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- ☐ Preliminary Amendment (____ pages).
- ☐ Information Disclosure Statement, form PTO-1449 (____ pages) and ____ references.
- ☒ **UNSIGNED** Combined Declaration and Power of Attorney (3 pages).
- ☒ Statement in Accordance with 37 CFR § 1.821(f) and computer readable 3.5" Diskette.
- ☒ Sequence Listing (165 pages).
- ☒ A self-addressed, prepaid postcard acknowledging receipt.
- ☐ Other:

The Filing fee has been calculated as shown below:


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BASIC FEE	XXXXXXXX	XXXXXXXX	XXXX	\$355	OR	XXXX	\$710
TOTAL CLAIMS	70 - 20 =	50	x 9 =	\$450	OR	x 18 =	\$
INDEP CLAIMS	2 - 3 =	0	x 40 =	\$0	OR	X80 =	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			x135 =	\$	OR	x270 =	\$
			TOTAL	\$805	OR	TOTAL	\$

*If the Total Claims are less than 20 and Indep. Claims are less than 3, enter "0" in Col. 2

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- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1138. **A duplicate copy of this sheet is enclosed.**
- ☒ Address all future communications to:

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EXPRESS MAIL CERTIFICATE

DOCKET NO. : 22221/1030 (RU-339)

APPLICANTS : Michael E. O'Donnell, Alexander Yuzhakov, Olga Yurieva, David Jeruzalmi, Irina Bruck, and John Kuriyan

TITLE : ENZYMES DERIVED FROM THERMOPHILIC ORGANISMS THAT FUNCTION AS A CHROMOSOMAL REPLICASE, PREPARATION AND USE THEREOF

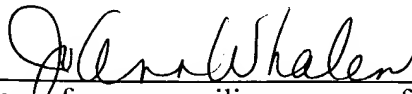
Certificate is attached to the **Patent Application Including Specification, Claims, and Abstract (130 pages), Unsigned Combined Declaration and Power of Attorney (3 pages), and Sequence Listing (165 pages)** of the above-named application.

"EXPRESS MAIL" NUMBER: EL709322449US
DATE OF DEPOSIT: November 21, 2000

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Jo Ann Whalen

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)



EXPRESS MAIL CERTIFICATE

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TITLE : ENZYMES DERIVED FROM THERMOPHILIC ORGANISMS
THAT FUNCTION AS A CHROMOSOMAL REPLICASE,
PREPARATION AND USE THEREOF

Certificate is attached to the **Utility Patent Application Transmittal Form**
(2 pages) of the above-named application.

"EXPRESS MAIL" NUMBER: **EL709322449US**

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Jo Ann Whalen
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(Signature of person mailing paper or fee)

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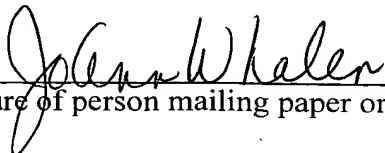
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Certificate is attached to the **Formal Drawings (83 sheets)** of the above-named application.

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